24 CLAIMS 1. A catalytic apparatus for exhaust purification that is provided in an exhaust path of an internalcombustion engine operable with at least a theoretical air-fuel ratio and a lean air-fuel ratio, comprising: 5 a three-way catalyst having an inner layer thereof containing at least rhodium as a noble metal and a surface layer thereof containing platinum or palladium as a noble metal. 2. A catalytic apparatus for exhaust purification 10 according to claim 1, wherein said exhaust path is provided with exhaust purification means adapted to absorb NOx when an air-fuel ratio of incoming exhaust gas is a lean air-fuel ratio and to release or reduce the absorbed NOx when an oxygen concentration of the 15 incoming exhaust gas lowers, and said three-way catalyst is located on an upper-stream side of said exhaust purification means. 3. A catalytic apparatus for exhaust purification according to claim 1 or 2, wherein the noble metal in 20 said inner layer of said three-way catalyst mainly consists of rhodium alone or both rhodium and platinum. 4. A catalytic apparatus for exhaust purification according to any one of claims 1 to 3, wherein the noble metal in said surface layer of said three-way 25 catalyst mainly consists of platinum or palladium. 5. A catalytic apparatus for exhaust purification according to claim 2, wherein said three-way catalyst is loaded with a very small quantity of or no ceria. 6. A catalytic apparatus for exhaust purification 30 according to claim 3, wherein the noble metal in said inner layer mainly contains rhodium alone, and a rhodium content of said inner layer is set within a

25 range from 0.05 to 5.0 g/l of catalyst volume. 5

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- 7. A catalytic apparatus for exhaust purification according to claim 3, wherein the noble metal in said inner layer mainly contains rhodium alone, and the rhodium content of said inner layer is set within the range from 0.3 to 0.6 g/l of catalyst volume.
- 8. A catalytic apparatus for exhaust purification according to claim 4, wherein the noble metal in said inner layer mainly contains rhodium alone, and a rhodium content of said inner layer is set within a range from 0.05 to 5.0 g/l of catalyst volume.
- 9. A catalytic apparatus for exhaust purification according to claim 4, wherein the noble metal in said inner layer mainly contains rhodium alone, and a rhodium content of said inner layer is set within a range from 0.3 to 0.6 g/l of catalyst volume.
- 10. A catalytic apparatus for exhaust purification according to claim 4, wherein the noble metal in said surface layer mainly contains platinum, and a platinum content of said surface layer is set within a range from 0.05 to 20.0 g/l of catalyst volume.
- 11. A catalytic apparatus for exhaust purification according to claim 4, wherein the noble metal in said surface layer mainly contains platinum, and a platinum content of said surface layer is set 25 within a range from 1.5 to 3.0 g/l of catalyst volume.